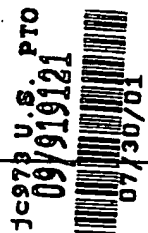


Date: July 30, 2001

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Form PTO-1449 (REV. 07/01) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>		ATTY. DOCKET NO. TITAN-001XX	APPLICATION NO. <div style="text-align: center;">  1c973 U.S. PTO 09/919121 07/30/01 </div>
		APPLICANT: Theodore Bially et al.	
		FILING DATE Herewith	GROUP

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE*	
elt	3,932,818	01/13/1976	Masak	328	167		
elt	4,287,475	09/01/1981	Eaton et al.	328	167		
elt	4,613,978	09/23/1986	Kurth et al.	375	99		
elt	5,263,048	11/16/1993	Wade	375	1		
elt	5,717,717	02/10/1998	Yang et al.	375	232		
elt	5,844,936	12/01/1998	Lesthievent	375	206		
elt	5,974,101	10/26/1999	Nago	375	350		

FOREIGN PATENT DOCUMENTS							
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION		
					YES	NO	
WO 00/04657	01/27/2000	WIPO	H04B	15/00			

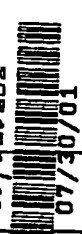
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)	
✓	Victor T. Tom et al., "Morphology-based Target Detection and Discrimination", Gaciac - Tactical Weapon Guidance & Control Information Analysis Center, Vol. 1: Unclassified Papers, PP. 291-299 (1990)
✓	Tamar Peli et al., "Morphology-based algorithms for target detection/segmentation in FLIR imagery", SPIE-The International Society for Optical Engineering, Vol. 1957, PP. 85-94 (1993)
✓	Victor T. Tom et al., "Morphology-based algorithm for Point Target Detection in Infared Backgrounds", SPIE-The International Society for Optical Engineering, Vol. 1954, PP. 2-11 (1993)
✓	John w. Ketchum et al., "Adaptive Algorithms for Estimating and Suppressing Narrow-Band Interference in PN Spread-Spectrum Systems", IEEE Transactions on Communications, Vol. Com-30 No. 5, PP. 913-924 (1982)
✓	Sorin Davidovici et al., "Narrow-Band Interference Rejection Using Real-Time Fourier Transforms", IEEE Transactions on Communications, Vol. 37 No. 7, PP.713-722 (1989)

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Date: July 30, 2001

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		APPLICANT: Theodore Bially et al.	
		FILING DATE Herewith	GROUP

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE*	
elt elt	5,671,247	09/23/1997	Souissi et al.	375	200		
	5,029,184	07/02/1991	Andren et al.	375	1		

FOREIGN PATENT DOCUMENTS							
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION		
					YES	NO	

OTHER DOCUMENTS <i>(including Author, Title, Date, Pertinent Pages, etc.)</i>	
✓ elt	Stuart D. Sandberg et al., "Some Alternatives in Transform-Domain Suppression of Narrow-Band Interference for Signal Detection and Demodulation", IEEE Transactions on Communication, Vol. 43 No. 12, PP. 3025-3036 (1995)
✓ elt	Ronald a. Iltis et al., "Performance Analysis of Narrow-Band Interference Rejection Techniques in DS Spread-Spectrum Systems", IEEE Transactions on Communications, Vol. Com-32 No. 11, PP. 1169-1177 (1984)
✓ elt	Laurence B. Milstein et al., "An Analysis of a Real-Time Transform Domain Filtering Digital communication System-Part I: Narrow-Band Interference Rejection", IEEE Transactions on Communications, Vol. Com-28 No. 6, PP. 816-824 (1980)
✓ elt	Loh-Ming Li et al., "Rejection of Narrow-Band Interference in PN Spread-Spectrum Systems Using Transversal Filters", IEEE Transactions on Communications, Vol. Com-30 No. 5, PP. 925-928 (1982)
✓ elt	Takeharu Kohri, "An Interference Suppressor for CW and Narrow-Band Signals Using Filter Bank on CDMA Communications", IEEE Transactions on Communications, PP. 521-525 (1994)
✓ elt	Stuart D. Sandberg, "Adapted Demodulation for Spread-Spectrum Receivers which Employ Transform-Domain Interference Excision", Vol. 43 No. 9, PP. 2502-2510 (1995)
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EXAMINER KHAH TRAN	DATE CONSIDERED 10/29/04
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